
Davercin

产品编号: D51606

CAS: 55224-05-0

分子式: C₃₈H₆₅NO₁₄

纯度: ≥98%

InChi: InChI=1S/C₃₈H₆₅NO₁₄/c1-14-25-38(10)32(52-35(44)53-38)20(4)27(40)18(2)16-36(8,45)31(51-34-28(41)24(39(11)12)15-19(3)47-34)21(5)29(22(6)33(43)49-25)50-26-17-37(9,46-13)30(42)23(7)48-26/h18-26,28-32,34,41-42,45H,14-17H₂,1-13H₃/t18-,19-,20+,21+,22-,23+,24+,25-,26+,28-,29+,30+,31-,32-,34+,36-,37-,38-/m1/s1

InChi Key: NKLGIWNNVDPGCA-ZDYKNUMJSA-N

Smiles: CO[C@]1(C)C[C@H](O[C@H]2[C@H](C)[C@@H](O[C@@H]3O[C@H](C)C[C@@H]([C@H]3O)N(C)C)[C@](C)(O)C[C@@H](C)C(=O)[C@H](C)[C@H]3OC(=O)O[C@]3(C)[C@@H](CC)OC(=O)[C@@H]2C)O[C@@H](C)[C@@H]1O

外观: 固体粉末

作用通路: Antibiotic

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Davercin, also known as Erythromycin Cyclocarbonate, is a bacteriostatic antibiotic macrolide produced by *Streptomyces erythreus*. It inhibits protein synthesis by binding to 50S ribosomal subunits. This binding process inhibits peptidyl transferase activity and interferes with translocation of amino acids during translation and assembly of proteins.

Note: This product is supplied as ethanol solution (100mg/mL)